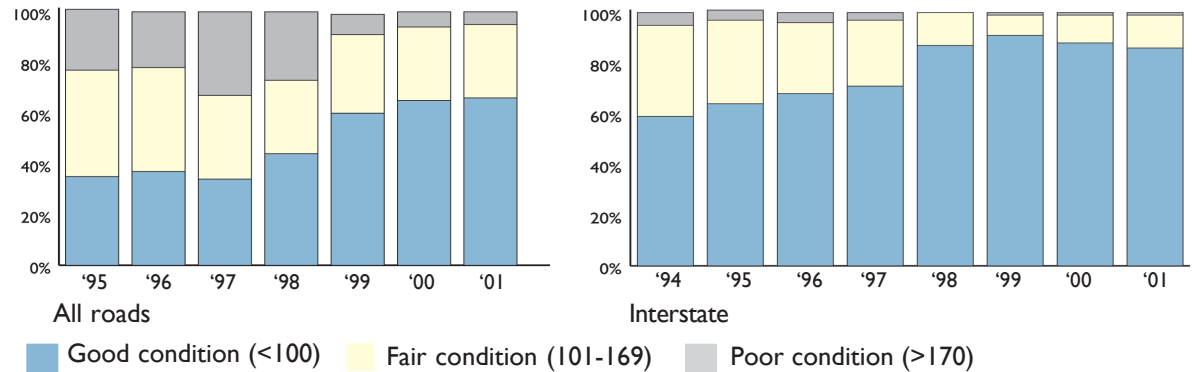


Road and Bridge Conditions

Roads

The International Roughness Index (IRI) is a worldwide standard for measuring pavement smoothness. The index measures pavement roughness in terms of the number of inches per mile that a laser, mounted on a specialized van, jumps as the van is driven across interstates and roadways. The lower the IRI number, the smoother the ride. The graphs to the right compare the IRI numbers for all roads in Indiana with the IRI numbers for the interstates.

Source: Program Development Division



Bridges

The percentage of bridges on the state's system that are substandard has declined over the last 10 years. In each year since 1994, the percentage of the state's bridges considered to be structurally deficient or functionally obsolete has been between 16 percent and 17 percent. This is down from 28 percent in 1991 and 34 percent in 1989. The greatest improvement has been made in the reduction of obsolete bridges, which dropped from about 12 percent to less than 10.5 percent between 2000 and 2001.

If one of the three load carrying components (deck, super or substructure) of a bridge receives a condition rating less than five on a scale of 0-9, then that bridge is considered "structurally deficient." "Functionally obsolete" means there is something unsatisfactory with the bridge geometry (for example, vertical clearance, width, railings or shoulders).

Source: Program Development Division

Percentage of bridges in the Midwest at standard or above (2000)		
State	State roads	Local roads
Indiana	87%	71%
Illinois	78%	80%
Kentucky	70%	63%
Michigan	61%	66%
Ohio	72%	54%
5-state Average	73%	67%
U.S. Average	77%	64%

